

Amateur Computer Group of New Jersey NEWS

Volume 40, Number 09

September 2015

ACGNJ Announcements

President's Note

Michael P. Redlich

The Summer of 2015 has come and gone and I hope y'all had an opportunity to spend some time at your favorite get-away destination with family and friends. My wife and I spent 10 wonderful days in New Orleans, our favorite city. Now it's time to kick off our new season of ACGNJ Main and Window Pains meetings along with the usual cast of SIGs returning from their respective summer hiatuses.

We held our Annual Planning Meeting on Friday, June 19, 2015 and it was indeed a very productive meeting. A significant amount of our Main and Window Pains Meetings agenda have already been confirmed. Here is the lineup for September, October, and November:

Main Meeting:

Friday, September 4, 2015

NO Meeting

due to the Labor Day Weekend Holiday

Window Pains:

Friday, September 18, 2015

Internet TV

presented by Don McBride

(Continued On Page 3)



<http://www.acgnj.org>

Founded 1975

This newsletter was made by 100% pure Linux!

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ACGNJ Meetings

For the very latest news on ACGNJ meetings, please visit the ACGNJ Website (www.acgnj.org).

For news from OTHER clubs, please go to:

<http://www.acgnj.org/joomla/>

Board of Directors Meeting: Tues, Sept. 1, 7 PM

Mike Redlich (president (at) acgnj.org)

Main Meeting: Fri, Sept. 4, **CANCELED**

(Due to the Labor Day Weekend)

Lunics (Linux/UNIX): Mon, Sept. 7, **CANCELED**

(Due to the Labor Day Weekend)

Java: Tuesday, September 8, 7:30 PM

Mike Redlich (mike (at) redlich.net)

Investing: Thursday, September 10, 8:00 PM

Jim Cooper (jim (at) thecoopers.org).

NJ Gamers: Friday, September 11, 6:00 PM

Gregg McCarthy (greggmajestic (at) gmail.com)

Computer Workshop: **Saturday**, Sept. 12, **1:00 PM**

Bob Hawes (bob.hawes (at) acgnj.org).

Layman's Forum: Monday, September 14, 8:00 PM

Matt Skoda (som359 (at) gmail.com)

C/C++: Tuesday, September 15, 7:30 PM

Bruce Arnold (barnold (at) ieee.org)

Window Pains: Friday, September 18, 8:00 PM

Scheduled Topic: Internet TV

Scheduled Speaker: Don McBride

Web Browser: Monday, September 21, 7:30 PM

David McRitchie (firefox (at) acgnj.org)

Lunics (Linux/UNIX): Monday, October 5, 8:00 PM

Andreas Meyer (lunics (at) acgnj.org)

All meetings, unless otherwise noted, are at the Scotch Plains Rescue Squad, 1916 Bartle Ave, Scotch Plains, New Jersey. Directions and map on last page. ☺

In This Special "All ACGNJ" Issue

President's Note, *Michael P. Redlich* 1, 3

ACGNJ Reports 3

Twitter Feeds, *Wendy Bell* 4

Important Information For MacBook Users, *Wendy Bell* . 4

Win 10 Update Question, *Malathi Masurekar* 4

Upgrading to Windows 10? Fix These Install Issues Before Anything Else, *Brenda Bell* 5

Incompatibility Issues, *Bob Hawes* 12

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Web Browser	David McRitchie		Membership	Bob Hawes	
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Submissions: Articles, reviews, cartoons, illustrations. Most common formats are acceptable. Graphics embedded in the document must also be sent as separate files. E-mail submissions to newsletter@acgnj.org preferred. **Always confirm.** Date review and include name of word processor used, your name, address and phone and name, address and phone of manufacturer, if available.

Tips for reviewers: Why does anyone need it? Why did you like it or hate it? Ease (or difficulty) of installation, learning and use. Would you pay for it?

Advertising: Non-commercial announcements from members are free. Commercial ads 15 cents per word, \$5 minimum. Camera ready display ads: Full page (7 x 10 inches) \$150, two-thirds page (4.5 x 10) \$115, half-page \$85, one-third \$57, quarter \$50, eighth \$30. Discount 10% on 3 or more consecutive insertions. Enclose payment.

Publication Exchange: Other computer user groups are invited to send a subscription to ACGNJ at the address below. We will respond in kind.

Address Changes should be e-mailed to membership@acgnj.org or sent to ACGNJ at the address below.

Membership: Regular (now includes *all* family members who reside at the same address): 1 year \$25, 2 years \$40, 3 years \$55. Student: 1 year \$20. Senior Citizen (over 65): 1 year \$20, 3 years \$45. Send name, address and payment to ACGNJ, PO Box 135, Scotch Plains NJ 07076.

Typographic Note: This ACGNJ News was produced using Scribus 1.3.3.13. Font families used are Times New Roman (TT) for body text, Arial (TT) for headlines.

E-Mail Addresses

Here are the e-mail addresses of ACGNJ Officers, Directors and SIG Leaders (and the Newsletter Editor). This list is also at (<http://www.acgnj.org/officers.html>).

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President's Note, continued from Page 1

Main Meeting:

Friday, October 2, 2015

Windows 10 (presented by the Microsoft Store)

Presented AT the Microsoft Store

Window Pains:

Friday, October 16, 2015

TCF@50

presented by Al Katz

Main Meeting:

Friday, November 6, 2015

Overview of the Nook

presented by Barnes & Noble

Window Pains:

Friday, November 20, 2015

Home Automation

presented by Frank Warren

We have others topics already confirmed such as a

talk by Barry Burd on IoT devices (scheduled for February 19, 2016) and the always popular Programming Languages Shootout (scheduled for Friday, March 4, 2016). Also in the works are security-related topics with speakers such as Bill Cheswick and Rebecca Mercuri.

Please stay tuned for more details regarding all of the topics listed above via the ACGNJ web site and/or e-mail.

For a complete list of all the topics that have been tentatively scheduled, please visit:

<http://www.acgnj.org/pm/ACGNJ.2015.-.16.Talk.Schedule.html>.

And don't forget to check on your favorite SIGs to see what they have planned for the upcoming season.

Enjoy the remainder of your Summer and I look forward to seeing y'all in September!

ACGNJ Reports

Mobile Devices Meeting Report

Brenda Bell, ACGNJ

The August Mobile Devices Meeting was held Wednesday, August 12. The main topic was "Mobile Office Suites". We also touched upon using Wi-Di to connect computers and tablets to projectors and

large-screen TVs, and GPS/cyclocomputer devices, and whether it was cheaper to replace the screen on a recycled smartphone or to purchase an inexpensive Android tablet. There were a total of 5 of us.

ACGNJ Investment Meeting Summary (August 13, 2015)

Philip Lees, ACGNJ

For August's meeting, 8/13/2015, we had 11 attendees.

Jim started the meeting with a short Hit & Run Candlestick video to open up a discuss about Pullback Opportunities (re: "PBO"). This opened a big discussion about this area of technical analysis, with Jim providing charts on different time frames for multiple securities with Pullback Opportunities, triggered essentially with reference to the T-Line (re: "Trigger" line, the 8 EMA).

Please attend the meetings, everybody learns from them, and, if there are any "giveaways", you will be sure to get your own copy.

We hope to see you at September's meeting, **9/10/2015**. Also, please send an email to Jim (jim.w2jc@gmail.com) if you would like *any* trading topic to be discussed. Or, if you would like to discuss *your* trading preferences, others would **definitely** like to hear *your* trading ideas, too. Thank you. Philip Lees

NJ Gamers Report

Gregg McCarthy, ACGNJ

We had 5 attendees at our August 14, 2015 Meeting. We played various networked games, starting at 6:00

PM Friday evening, and breaking up at about 4:00 AM the next morning.

Computer Workshop Report

Bob Hawes, ACGNJ

We had a total of three attendees at our August 15th, 2015 meeting. Each of us worked on our own projects, plus we helped each other out as well; and we didn't wrap things up until 7:00 PM. I myself took home three "junk" computers that I might be

able to use as repair parts (or maybe even replacements) for my two more or less defunct Pentium 4 PCs. As a bonus, by doing this, I also cleared out some of the clutter from our back room. All in all, we had a **very** productive day.

(End of ACGNJ Reports)

Twitter Feeds

Wendy Bell, Vice President, ACGNJ

I have been following the list below on Twitter:

Microsoft SQL Server
Microsoft Channel 9
Microsoft Learning
Microsoft IT Pro
Microsoft Ignite
Microsoft Tweets
Microsoft Mobility

Microsoft News
Microsoft Azure
Microsoft Cloud
Hardware Newz

These are the most important and most notable. For those who want further Microsoft tweets to follow: Office 365, Outlook, Office, Skype, Windows and Microsoft. Amongst the above, the best information for ALL Platforms is **Hardware Newz**.

Important Information For MacBook Users

Wendy Bell, Vice President, ACGNJ

One of the tweets that **Hardware Newz** put out and that we've now passed on via this Newsletter is that for MacBook users there's a new worm called Thunderstrike 2 and it can totally kill the MacBook Pro device as the worm works by hiding on any infected peripherals the device has, even if not on the Internet and it has to do with a vulnerability in the operating system, OS X and greater. It's virtually undetectable and no easy way to remove it. This

particular worm can also copy itself and can be easily transmitted to other computers and can also write itself to a computer's **BIOS**. This worm, according to the article, can also get onto USB sticks, hard drives, Ethernet adapters and anything else that's connected to the Mac. Let me repeat: Apparently, it can write itself into a device's **firmware**. Please pass the word.

Thanks much.

Win 10 Update Question

Malthi Masurekar, Treasurer, ACGNJ

Sent to the ACGNJ Board of Directors:

Has anyone updated to Win 10. I keep getting notices that Win 10 is ready for me. (I had reserved to get the update for my Win 7). What is your advice?
Malthi

Reply from Bruce Arnold:

I've personally upgraded several computers by

following the "reserved update" procedure. Problems were very minor and I'm completely satisfied.

Reply from Wendy Bell:

I've upgraded to Windows 10 on 3 machines and if you decide that you want to upgrade, there are things that you'll need to turn off. Please see Brenda's article about Upgrading, which follows immediately.

Upgrading to Windows 10? Fix These Install Issues Before Anything Else

Brenda Bell, Secretary, ACGNJ

While Microsoft advertises Windows 10 as the operating system that will make everything easy and personal for you, the real truth is that the second you install it, you've set up a device that can spy on you 24/7/365 until you change your default settings.

Changing these settings is not a quick switch-up. Be prepared to spend a half-hour or more after Windows finishes installing in order to be able to feel safe (not “tin-hat” safe, just “safe from random candid videos of you and your conversations appearing on YouTube without your knowledge” safe).

The Start Menu

If you're already using the Windows 8-era Start Menu, all of your setup will be ignored and destroyed in favor of what Microsoft thinks you need to have there, in the order it wants you to see it. Be prepared to do a hack-and-destroy.

Default Settings

Go to the All Settings menu in the Action Menu.

You will need to spend time with the various sub-

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necessary if you're running Windows Phone, a cellular-enabled tablet, or possibly Microsoft Band – but if your system stays in place for any significant amount of time, it could lead thieves and thugs directly to you.

Camera

The default setting lets *all* your apps access your camera. This means not just Windows Hello (face-recognition login), but any Windows Store app as well. (Supposedly “classic” apps have built-in controls that turn the camera on and off as you need it.) The issue with letting apps access your camera is that *any rogue software will have access to your camera as well*, and it's not unreasonable to expect that *someone* will have compromising videos of him- or herself that nobody in his or her household ever took, posted *somewhere* online. Video stalking is already a real concern, and there's no reason to think it'll improve.

Microsoft says that if you keep camera access on, but turn access on and off for individual apps, it will

menus turning off some across-the-board permissions and tweaking others. Skip first to the Privacy Menu; this is where Microsoft's most egregious presumptions reside.

Privacy Menu

General

This is where you choose whether or not to let Microsoft personalize the ads it sends you. There may not be a way to *stop* the solicitations, but this *might* (or might not) make them more tolerable.

Note: some of the settings require logging into your Microsoft account on your browser. Every time it loads my browser page, I find the personalized ads are all reset to the “on” position. (There's a question of whether or not this only applies to Microsoft's Edge browser.)

Location

If you use GPS-enabled apps, or if you want to use Microsoft's mapping features, you're going to need to let the system find you where you are. This is

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perform the same as the default camera-access being set to “off”. I'm not that trusting – especially when Microsoft says that Windows Hello, their new face-recognition login system, automatically turns the camera on even if access has been turned off in the Privacy menu. [This is one good reason to disable Windows Hello in favor of more traditional login practices.] My advice: turn off camera access until you absolutely *need* the camera. Then turn on access only for as long as you need it.

Microphone

Same cautions here as for the camera. Turn it off unless and until you need it. Then enable it for only as long as you need it.

Speech, inking & typing

This menu collects information about you as you type, dictate, and research, and as you access contacts and calendar events. The intent is to personalize and improve Cortana's performance. Unfortunately, changing this information requires logging into Bing (online) and into your Microsoft

Upgrading to Windows 10? *continued*

account. I've still not figured out how to tweak these.

Account info

Some apps will want to access your Microsoft ID. They will show up in this menu. Automatic access makes logging into apps easier, but also leaves your identification available for hacking and hijacking.

I initially turned this off; however, because I use One Drive for my default cloud access (I have the largest amount of free space, and it doesn't alter the format of my Microsoft Office files when I upload them), my Office apps kept giving me error messages and telling me my files were unavailable. I've turned account access back on for now...

Contacts; Calendar

I use a different contact manager and a different calendar. I've turned access these off by default so that Microsoft can't hijack any of that information.

Messaging

Unless you're running Windows Phone, there's no reason for apps to send or receive text or MMS messages. Turn it off.

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the past couple of versions of Windows – a way for the computer to send back to Microsoft reports on ill-behaved apps and Web sites. If you feel it's too personal for your taste, turn "Feedback frequency" to "Never" and "Diagnostic and usage data" to "Basic" (the least you are able to choose to send back).

Background apps

Windows 10 finally gives us the ability to end terminate-and-stay-resident programs from the window (no more having to go to Task Manager to completely turn off the Metro-based weather apps), and to choose whether programs should hover in the background or quit when you move on to something else. If you generally work in several programs at once, you will want to allow those programs and notifications to run in the background. Things you might check once and then close out for several hours (or days) can be set to *not* run in the background, saving process cycles and RAM use.

System Menu

Display

You probably won't have to deal with this unless

Radios

This gives apps the ability to automatically turn Bluetooth on and off. If your system has a cellular radio, apps may also turn that and Wi-Fi on and off at will. I don't like leaving radios on when unused because they eat up battery life, and because some "default" networks are slow and poor-performing and I'd rather avoid them. It's also another potential backdoor into your system and your personal information. I've turned this off, and suggest you do likewise.

Other devices

This tab gives other devices the ability to sync with your computer. The example given, "beacons", is often used by retailers to determine where you are in their store so they can push relevant information to your mobile device (for example, a coupon for a product related to the products you are browsing). For now, I've turned this off.

Feedback & diagnostics

This is pretty much the same thing it's been through

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your system has, or connects to, multiple displays. If, like me, you do a fair amount of presenting, you will have to reconnect to your external displays and projectors, and re-set their default actions (I usually use an extended desktop rather than a duplicated one).

Notifications & actions

This is mostly a personalization thing, however app notifications can pop up and bug you when you need them to be silent, and showing notifications on the lock screen means that people who are *not* authorized to use your computer/login could possibly see sensitive information. Choose carefully what you do, and don't, want Windows to do in those cases.

Apps & features

So far, the options I can find here are the order in which you want your apps sorted, and the ability to add in multiple languages for handwriting, speech recognition, and typing/word-processing.

Multitasking

Here is where you can turn off the annoying "snap to arrange windows" that gets in the way every time

Upgrading to Windows 10? continued

you arrange your windows to see enough of each of them to click on them when you are working with multiple windows at the time. If you like the “snap” feature, here is where you can edit how it will work.

One feature of Windows 10 is “virtual desktops”. Here is where you can choose how much to wall them off from each other.

Tablet Mode

This should be automatically turned on or off depending on your device. Tablet mode changes your Windows menu so it looks more like the Windows 8 Start Menu with an alphabetical app list overlay. Tablet mode also changes how your windows respond (most default to full-screen only) and may or may not trigger the onscreen keyboard.

Battery saver, Power & sleep

These are two places where your Windows 8.1 options may actually carry over to Windows 10. Check just to make sure, and tweak as necessary.

Storage

Save locations

On initial inspection, I thought, “Finally, Windows

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loading photos, forcing me to use one of Microsoft’s lesser-performing options.

About

This is the tab where you can rename your device, change your edition of Windows, read a number of EULAs and license information, encrypt your device, and access Administrative tools, BitLocker settings, the Device manager, and System information.

Network & Internet

Microsoft, in trying to create the “connected everywhere” model it needs to authenticate your software licenses and migrate completely to its SaaS (Software as a Service) model, has written the Windows 10 install to default to your system searching for any Wi-Fi network to connect, to share your private Wi-Fi network with anyone it can find amongst your online contacts (Contacts, Outlook, and Facebook are the big three apps it trolls.) and vice-versa, and to use your home (or business) network, computers, and Internet connection as a

remembers that not everyone wants all their app information and output to save to the C: drive.” In theory, here’s where you can manage your default drives for apps, documents, music, pictures, and videos. In reality, my HP Stream tablet refuses to reset my default directories to the device’s micro-SD card.

Maps

This is Microsoft’s answer to Google Maps – but you get to decide whether or not you want it to do all of that by choosing whether or not you want it to download and/or update maps.

Default apps

Here’s where you get to tell Edge to, well, jump off itself (if that’s what you want). Windows requires default apps for every category in which it provides an answer in its software, or in which you have installed an appropriate program – at least in theory. On my notebook, it allowed me to set Eudora as my default e-mail (although Word documents still insist on e-mailing via Outlook) and Chrome as my default browser; on the other hand, it didn’t give me the option of using Photoshop as my default app for

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staging area for delivering software to other computers on the Internet. This leaves your devices and your home or business network vulnerable by default.

Wi-Fi

Unless you expect to always be using a cabled connection, this has to remain “On”. That said, there are “Advanced options”, as well as “Manage Wi-Fi settings.

Advanced options

Find devices and content

Microsoft’s suggestions (keep “on” for private networks, “off” for public ones) sounds reasonable.

Metered Connection

Notes on Tech Republic suggest that by turning this “on”, it will limit Microsoft’s proclivity to stage information on your system/network for sharing with undisclosed other “computers on the Internet”; however, this may adversely affect how certain apps run. That said, you probably want this “on” if you’re

Upgrading to Windows 10? *continued*

regularly accessing the Internet on any limited-data connection (such as an HP Stream 8 tablet or a Windows Phone).

Manage Wi-Fi Settings

Wi-Fi Sense

This is where Microsoft decides it can share your networks with everyone else (including the malware-pushing spammers from unnamed countries and pop-up-and-disappear domains). Turn off both “Connect to suggested open hotspots” and “Connect to networks shared by my contacts”.

While in theory, this should keep your private networks secure unless you *opt* to share your network information, there’s no reason to trust that theory (and every reason to distrust it). In theory, Microsoft gives you a path to disable them putting your private-and-secure Wi-Fi network on their Wi-Fi Sense Opt Out directory:

<http://www.windowsphone.com/en-us/how-to/wp8/connectivity/how-do-i-opt-my-network-out-of-wi-fi-sense>

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(such as your printer), and whether or not to turn on file and printer sharing. (Note that “network discovery” is bilateral: if you can see your teenager’s computer, he can see yours. Ditto for file sharing.)

HomeGroup connections are a home-network version of Single Sign-On, where your login information carries across all the devices in your HomeGroup. The alternative is to require usernames and passwords on each distinct device. The latter method is probably more secure, especially if you’re dealing with sensitive data your spouse, parent, or child should not be able to access.

Note that “Advanced sharing options” is a submenu of the Control Panel Network & Sharing Center, the next item under “Related Settings”.

HomeGroup

Presuming you’ve created, or signed into, a HomeGroup, this is where you choose what information from *this* computer is shared with the rest of the group. Your choices fall into the defaults (and one presumes, default directories) of Pictures, Videos, Music, Documents, and Printers & Devices.

It’s not a pretty path, and will take a week or so until your network gets to their “opt out” directory (Microsoft’s version of the National Do Not Call Registry) – at which time you’ll have to reset all your network passwords and do a full security sweep of your network.

Related Settings

These settings are available both here and under the Ethernet menu. In both places, they link to Control Panel menus.

Change advanced sharing options

This is where you select system behaviors for public and private networks. Note that the default setting for your *home* network is “public”, and cannot be made “private” until you create a HomeGroup or log your system into your existing HomeGroup (I expect the options to be a bit different on Windows Professional systems, where there is access to Windows Domain policy tools).

As usual, you can choose whether or not to turn on “Network discovery” of network-connected devices

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The options are “Shared” and “Not Shared”, not giving you the option of sharing only with specific other computers or specific users.

VPN, Dial-up, Ethernet, and Proxy connections are pretty straightforward. You should know if you need them, and if so, how to set them up.

Accounts

This is where you choose to login using a Microsoft account, local account, work and/or school account, manage your Microsoft account, set a profile picture, set up Window Hello, and other options.

Your account

This is where you set up which account(s) you use to sign in to this computer

Sign-in options

Require sign-in

You can choose to require a password when your system wakes from sleep, or just to let you in without locking

Password

Change your password here

(Continued On Next Page)

September 2015

Upgrading to Windows 10? *continued*

PIN

You can use a PIN instead of a password for Windows, apps, and Microsoft services. This has been around at least since Windows 8.1.

Windows Hello

This is Windows 10's new biometric login. If your system has a built-in fingerprint sensor, this is where you can manage your fingerprints. If not, Windows can use your camera to compare your face to a reference photo of your face in lieu of a login ID. (**My HP TouchSmart Envy has a built-in fingerprint sensor. Since upgrading to Windows 10 it drops out when wakening from sleep, requiring me to slide the lockscreen image upward, just as if I were logging in with my username and password rather than my fingerprint.**)

Picture password

You can use any photo you like, and set touch points or gestures as your login authentication.

Work access

Use Windows Pro (an upgrade from the default

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turning Wi-Fi Sense, Network Discovery, camera, microphone, and radio settings back on. (Fortunately, we checked those settings *before* telling Microsoft we're "opting out" of their using our private network for their use. Now let's see how well Microsoft keeps to their promise of respecting network names with "_optout" in them.)

Family & other users

Click on the "Learn more" link to find out that this option allows you to set access for your child, including your ability to restrict access and to view what he is doing on the allowed computer(s).

When you click "Add a family member", the next screen asks you if you are adding a child or an adult. Both children and adult family members require a Microsoft account, and Microsoft will create an outlook.com address for them if they don't already have one. **You cannot add a family-user account without an e-mail address or a Microsoft account for that person.** Microsoft says that "Kids are safer online when they have their own account". (This is probably because it's the only way you can blacklist

Windows Home) to gain access to domain-level features and policies. Based on what shows up in "Family & other users" (following), you may want to consider upgrading all compatible devices and running a domain server with full BYOD security. [My HP Stream 7 was not compatible with Windows 8.1 Professional and hangs when trying to load the Store for the Windows 10 Pro upgrade.] **Based on what I've been able to see without a Windows domain to work from, Domain Policy restrictions may not prevent BYOD users from copying information to and from a protected corporate network, and may not protect a domain from a security- or privacy-compromised device.**

The next few points deal with Shared Computers.

The Settings for each user of a Windows 10 computer are automatically set to the default settings of "personalize all ads, follow my location, spy on me with my webcam and microphone, and share my private network and storage with everyone". Unless you're running a Windows domain, you cannot prevent any user from accessing the entire Settings menu and

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Web sites, restrict computer time, and check up on what they're doing on the computer.) While you can turn off personalized Microsoft advertising and promotional offers from Microsoft from their settings menu, they don't need your permission to resubscribe. That said, you now have the option of whether or not to let your child use that new Microsoft account online.

If you now log in as the child's account and try to access Microsoft services, you will be prompted for an adult to login for an OK. Allowing the child to use a Microsoft account links his (or her) online use to your credit card (though you can set limits online at <https://account.microsoft.com/family/>). Only after refusing to allow your child to use a Microsoft account do you get the option of creating a local account for him. That said, if you *don't* allow him to use a Microsoft account, you may lose the ability to see what she has been doing online, or to set limits on his computer use. **In either case, the account is set to the default nonprivate, insecure settings, and there's no way to block the child from**

Upgrading to Windows 10? *continued*

changing those settings. Note that a local “child” account shows up under “Other users”, rather than “Your family”.

Additional Parental Warning: While a local “child” account requires an adult login to change Windows Update to the more secure options, it still allows the child to turn on the camera and microphone, and even with the SmartScreen filter on, Windows allows the child access to web sites whose advertising is inescapable and malware-ridden. Microsoft Family Access only allows you to block specific sites, rather than to restrict Internet access to only specific sites, making this insufficiently secure for letting young children browse without parental helicoptering.

Set up additional user accounts

The first screen asks you to enter the new user’s e-mail address or phone number, expecting to link it to a Microsoft account. If you press “The person I want to add doesn’t have an email address”, the next screen prompts you to set up a Microsoft account for that person. The bottom of that screen gives you the

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save time sharing the updates to *other* users – who may or may not be on your network, who may or may not be people with whom you would be comfortable sharing access (much less bandwidth).

Windows Update

Advanced options

Choose how updates are installed

Because I do a lot of work at home on a computer which is *not* shared, I tend to leave a lot of files and applications open, and not always with the latest updates saved. Because of this, I never allow Windows to restart without my express consent. Windows 10 automatically installs (or at least prepares) updates, but I’ve set it to “Notify to schedule restart”. I do allow Windows Update to update my other Microsoft products as well (but that’s a personal choice).

Choose how updates are delivered

In order to keep everyone on the latest updates as quickly as possible, Windows Update downloads updates and stores them relatively locally. You can

option to “Add a user without a Microsoft account”, bringing you to enter a local username and password for the new user.

Once that’s done, the new user will appear in “Family & other users”. From there, you have the option to “Change account type” – which means only, whether or not to make the new user an Administrator – or to “Remove” the user.

Caution: the new user’s account will be set up with the same insecure, nonprivate options that your own account had been given. Even if you log into the new user account to reset the various settings, *you will have to trust your alternate user(s) to keep those settings secure.*

Sync your settings

Allows you to use the same login ID, lockscreen, and other settings across multiple devices.

Update & security

One of the insidious things about Windows 10 is not that it predownloads updates for you, but rather, that it downloads it to your system and local network to

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ask Windows to download the updates to your computer completely, or to look for parts of its information on the local network or the Internet. Unfortunately, if you ask Windows to *download* from everywhere, you’re also giving Microsoft permission to store information on *your* system and *your* local network to provide to *other* Windows users. If you have a local network of Windows 10 computers, you can keep the default setting to “On” – just change the setting from “PCs on my local network, and PCs on the Internet” to “PCs on my local network”. Otherwise, turn this setting to “Off”.

Windows Defender

Apparently there is no way to completely and permanently disable this in favor of a third-party solution.

Recovery

Here’s how, during the first month after installation, you can go back to your previous version of Windows. It also gives you a “restart” option to allow you to boot off something other than your default “C” drive.

Upgrading to Windows 10? *continued*

For developers

The “Sideload apps” and “Developer mode” settings allow you to install apps that don’t come from the Windows Store. This can be useful if you need to load specific apps (such as those internal to your company, or to control a medical device) – but it can also set your system up to unknowingly download and install malware from various Internet sites (international TV syndicators FromSport, SportLemon, etc. are among the most aggressive here). *Use with caution.*

Some Other Glitches

Skype

I’m normally not a Skype person, but after I went through some of the setup for a session I might have expected to access, the app kept rebooting every time I told it to quit and/or exit. I ended up having to kill it from the Task Manager. I’m told that other users have not had the same issue (and I haven’t had that issue on my HP Stream 7, only on my HP TouchSmart Envy), so take my issue for what it’s worth.

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the requested task.

One Drive

For some reason, the Windows 10 upgrade seems to have created a second path to One Drive and has been taking its own sweet time (in other words, not letting me force the issue) syncing files up to the One Drive servers. It also didn’t want to let me access my drive until I allowed apps (aka “all apps”; there is no granularity in the setting) to access my Microsoft account.

One Bright Point: Metro Apps

That said, bringing the Metro menu into the desktop has resulted in my no longer being able to quit a “Metro” app by swiping from the top of the screen to its bottom. On the other hand, when I quit them, my Metro apps now *really quit*, rather than requiring me to then go into Task Manager to end the processes (or let them stay resident).

More Resources

Tech Republic has a number of pages about Windows 10 security issues and default settings,

E-Mail

Even though Windows 10 allowed me to set Eudora as my default e-mail app (which Windows 8.1 refused to allow me to do), clicking on “Share by e-mail” in Word still tried to force me to use Outlook, which I will not use in the absence of business requirements to do so.

There are still a few glitches I’m finding in the transition from Excel 2013 (Office 365) for Windows 8.1 and the same app for Windows 10.

Apps Hanging

We’ve been finding that a number of apps take longer to launch under Windows 10, or longer to respond. My “fast” system is running an i7 processor with 16Gb RAM and a hybrid hard drive, so it’s either a matter of the new software not being properly preloaded to the flash part of the drive, or a lot more scanning and parsing before Windows deigns to open these apps.

I’ve also been finding several of my System Settings and browser windows have been hanging, rather than switching over to the correct screen or performing

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such as:

<http://www.techrepublic.com/article/windows-10-violates-your-privacy-by-default-heres-how-you-can-protect-yourself/>

One of Tech Republic’s users has set up this privacy-setting FAQ:

<https://hideu.wordpress.com/2015/08/13/how-to-kill-windows-10-privacy-spying-forever/>

Microsoft has its own help pages

Windows 10 Help (Microsoft):

<http://windows.microsoft.com/en-us/windows-10/support>
Camera privacy: <http://windows.microsoft.com/en-us/windows-10/camera-privacy-faq>

Opting out of Wi-Fi Sense:

<http://www.windowsphone.com/en-us/how-to/wp8/connectivity/how-do-i-opt-my-network-out-of-wi-fi-sense>

Opting out of Windows Update Delivery Optimization:

<http://windows.microsoft.com/en-us/windows-10/windows-update-delivery-optimization-faq>

While this list is not exhaustive, it should help you avoid many of the more egregious “land grabs” Windows 10 tries to default upon us. ☺

Incompatibility Issues

Bob Hawes, ACGNJ

I was a big fan of the TV show *Buffy The Vampire Slayer* when it originally aired. (In fact, I *still* watch it whenever I can find a rerun; but I *haven't* gone so far as to get my own complete set of episodes on DVD). I only bring this up here because I'm reminded of one of my favorite lines from that series: Addressing Buffy and her friends, Giles (the school librarian, and also their mentor) told them, in a very serious tone, that they could be facing the end of the world; and they all exclaimed, in unison: "Again!!!"

I expect that a lot of you will give me an echo of that exclamation now, as I tell you that the subject of this article involves yet again even *more* changes to my "skeleton" file. (I use a copy of that file each month when I start putting together a fresh newsletter). But first, some recap: The first "practice" newsletter that I created for this club (*End-of-June 2008 Supplement*) was originally sent out as an e-mail, just a few days *before* the end of June in 2008. (Just like its name says). Later, I used Scribus (my fun, fabulous and *free* desktop publisher) to create a PDF

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our Newsletter Collection CD, under the filename 2010_08S.PDF).

When I made the *July* and *August 2011* newsletters, I was already aware that I'd be taking over as full time Editor with the *January 2012* issue. In that *July 2011* issue, I also developed work-arounds for both of those aforementioned problems. Let me be *VERY* clear. Scribus did *not* fix *either* problem. For the link problem, I had to insert a small additional text frame that covered *only* the link name as its text was being displayed on the page. Then I used the PDF Options function to convert that extra text frame into a PDF Annotation. After that, I activated the Annotation Properties function, changed its Type from Text to External Web-Link, and copied the complete link name into the Destination box. It actually took me *quite a bit* of time, research, and experimentation to figure out those steps above. (In this particular case, the Scribus Help function was absolutely *no* help at all).

I solved my other problem much more crudely and directly. I opened my LibreOffice word processor

version of that e-mail "for the archives". My second "practice" newsletter (*End-of-Year 2008 Supplement*) was started at the end of 2008, but it actually took quite a while to complete. Both of those supplements were produced using Scribus version 1.3.3.12. (You'll find them in the 2000_09 directory of our Newsletter Collection CD, under the filenames 2008_06S.PDF and 2008_10S.PDF).

My third and fourth "practice" newsletters were *July 2009* and *August 2009*. That *July* issue is where I found out that the live links produced by Scribus did *NOT* work correctly. It's also where I discovered that Scribus *couldn't* display the only member of the Wingdings font family that I actually wanted to use. My fifth and sixth "practice" newsletters were *July 2010* and *August 2010*. With that *July* issue, I upgraded to Scribus 1.3.3.13; but that change had *no* effect on either of the aforementioned problems. (There was also a "rejected" version of the first four pages of that *August 2010* issue, made *unsuccessfully* by Ventura Publisher; but saved as a curiosity. It can be found in the 2010_19 directory of

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(which *could* display the Wingdings character that I wanted), magnified that character (a teeny tiny little computer) as much as I could, and then took a screen shot of it. Next, I used the GIMP (GNU Image Manipulation Program) to crop out everything *except* that one character, and then I saved it as a JPG image. Finally, I inserted a small image frame (slightly less than one eighth inch square) into my document (in the place where I'd wanted to put that Wingdings character), and I imported that image (named TINY_PC2.JPG) into that frame.

It's been just over *four years* since I developed those work-arounds. That's enough time for a complete college education! By now, maybe somebody at Scribus has figured out the underlying causes for one or both of those problems. Unfortunately for me, I'm still doing my newsletter work using Scribus version 1.3.3.13; but the Scribus developers have long since moved on to version 1.4.5. Therefore, before I can send them imploring e-mails, I'll have to upgrade to at least version 1.4.0; and once I do that, I can never return. Because Scribus 1.4.x is *not* backwards

Incompatibility Issues, continued

compatible with Scribus 1.3.x. So once I go up I can never come back down. (Unless, of course, I keep a copy of my “skeleton” that's compatible with 1.3.x). Sadly, that's a problem for me. Because there's one more change to my “skeleton” that I've been putting off.

So I'll have to tackle it now, before I can upgrade my skeleton to 1.4.0. (Further below, I'll explain *why* this is so). In the fourth paragraph of *Even More Changes To My Skeleton* (my article in our August 2015 issue), I mentioned MEM_APP1.JPG, the membership application image at the bottom of page 15. There, I said; “As that image will almost certainly be replaced by a text-only version in the future, we'll just make a note of its presence here and move on”. If I don't stop avoiding this task now, it will cause me *even more* work later. So I'll have to face it right away, before I can switch to Scribus 1.4.x. (While it's true that you *can* edit an image file with a graphics editor like the GIMP, it's also true that it's very difficult to make changes to a *picture* of a block of text, and *not* have it come out looking

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XP/Ubuntu dual boot system for my cousin and his wife; but I wasn't all that confident about this particular computer's suitability. Quoting myself from back then, I said that it “**might** not be up to that task”.

As it turned out, I was right; and I had to re-do that system on a newer computer for my cousin's use. So the Celeron got rejected, stuck away in a corner, and apparently was never touched again. Until, in desperation, I dragged it out now. It's definitely **NOT** a permanent replacement; but it can do my word processing, desktop publishing, and e-mail well enough. As far as Internet TV watching goes, it's somewhat passable but *far* from ideal. However, it's the best that I've got right now, so I'll have to make do with it until I can rig up something better. (Which could take quite some time).

Previously, to re-make an image as text, I would have opened two instances of Scribus on my computer, each displaying a copy of my current “skeleton” file. Then, I'd arranged them so that one copy of the subject image was displayed on the

crude, or even downright ugly).

But first, there's another tale of woe that I have to tell: About a year ago, my best computer (a Pentium 4 with 4 GB of memory) just decided **not** to POST (**P**ower **O**n **S**elf **T**est) any more; and nothing I could do to it would make it change its mind. Thus, it became effectively useless. So I had to switch to my second best computer (a Pentium 4 with only 2 GB of memory), for use as my main machine. Recently, however, it began to experience intermittent faults; and, again, nothing I could think of would make it completely dependable. So I **couldn't** rely on it to do my newsletter work, not to mention sending and receiving e-mail, or Internet TV watching.

So I had to dig up an old “experimenter” PC. Actually, I've written about this particular machine in the past. It's the first of the three computers that were featured in *Competitive Siblings of Thirteen Things*, my article in our November 2011 issue. It only has an Intel Celeron processor and just **one** GB of memory. In September of 2011 (when I actually wrote *Competitive Siblings*), I was trying to set up an

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bottom half of my screen, and another copy was displayed on the top half of my screen. That way, I could delete the image from the bottom of my screen, and then replace it, bit by bit, with text elements. (Using the image still displayed on the top half of my screen for reference). Unfortunately, when I tried to do this on the Celeron, its memory became bogged down, to the point where saving any changes that I might make became an “iffy” proposition.

OK. Enough sob stories. It's time to do some actual work. So I opened only **one** instance of Scribus 1.3.3.13, and as a reference, I used the bottom half of page 15 in one of the hard copies of the March 2015 issue that we printed out for the Trenton Computer Festival (TCF). This actually made it a little easier for me, because I could use a hand held ruler to physically measure the dimensions of each of the elements that I wanted to reproduce on my screen in text form. The membership application's gross dimensions were 4.0 inches high and 7.44 inches wide. The largest single element in it was a big box with a black border, measuring 1.65 inches high and

Incompatibility Issues, continued

7.4 inches wide. (Because of the thickness of its border, its width had to be decreased slightly). It was located 0.5 inches below the top of the application.

The first text frame in the application held its title (**ACGNJ MEMBERSHIP APPLICATION**), printed in 14 point Arial Bold type. That frame was 0.24 inches high, 7.44 inches wide, and located 6.72 inches below the top of the page. The application's second text frame held online sign up information (Sign up online at <http://www.acgnj.org/membershipApplication.html> and pay dues with PayPal.) It was 0.18 inches high, 7.44 inches wide, and located 6.97 inches below the top of the page.

The top text frame **inside** the box held the word "**Dues**", and was centered in the box. **Eight** text frames were required to reproduce the four columns of dues information in the middle of the box. They were positioned to match the old version of the application as closely as possible. (This is the area that is most likely to receive further changes in the next few months). The **bottom** text frame inside the box held the club's mailing address, and was

centered in the box. The text frame directly above that (Mail this application and your check to:) was positioned so that its first letter was located directly above the first letter of the mailing address.

Just beneath the big box were three options (New Member, Renewal, and Address Change). Each option required its own text frame, plus three more text frames were required to produce the check boxes in front of each option. Four text frames were required to reproduce the text for the four "fill in" lines at the bottom of the application. Plus, ten lines written directly on the page by Scribus were also required to provide the "blank" lines upon which prospective members will be asked to fill in their personal information.

It took me about 5 ½ hours of **actual** work to make an acceptable text-only replacement for MEM_APP1.JPG. (In reality, that work was spread across four days of mostly doing other stuff); but at the end of it, I had a new "skeleton" file named **1509SKL3.SLA**. Thus, in the last six months, I've produced three new "skeletons". **1503SKL3.SLA** (from March 2015)

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introduced the new 40th Anniversary CD advertisement. It produced a test PDF measuring 953.0 KB. **1508SKL3.SLA** (from August 2015) included new or at least renamed versions of most of its images. It produced a test PDF measuring 953.6 KB. (Hardly any change at all). Now, **1509SKL3.SLA** has produced a test PDF measuring 925.6 KB. So it came out 28.0 KB smaller. Since MEM_APP1.JPG measured 31.6 KB to begin with, that means that we replaced that 31.6 KB image with only **3.6 KB** of text. Wow!

Now, if you were to say that, in the grand scheme of things, a 28.0 KB difference is "chump change", I'd have to agree with you; but you'd be missing the important part. In addition to being that much smaller, that membership application is now **completely** editable; and there probably **WILL** be changes. Maybe soon. (I can think of two right off the top of my head). If I'd tried to keep a 1.3.x "skeleton" as well as a 1.4.x "skeleton", each still containing MEM_APP1.JPG, and then I had to edit both of them, I'd have been in for twice the work. However,

now the hard part is done. If I still have 1.3.x and 1.4.x versions of my "skeletons" in the future, editing them both as text will be a **whole lot** easier.

Finally, I corrected a mistake that I made a few months **before** I became full-time Editor. From the time Barbara DeGroot first became Editor in 1995 until her final issue in December of 2011, the text in the middle section of her footers always said "ACGNJ News". I followed her lead when I made my "practice" newsletters, also writing "ACGNJ News" in the middle of my footers, ranging from the PDF version of my first effort (*End-of-June 2008 Supplement*, as mentioned above), up to and including my *July 2011* issue.

Unfortunately, I somehow lost the "News" part of the footer when I made my August 2011 issue. (I **still** can't figure out how this could have happened); and since **that** issue was the model that I followed for **all** of the issues that I produced when I became full time Editor, every one of my issues from January 2012 onward **also** just said "ACGNJ" in the middle of the footer, instead of "ACGNJ News". A little over four

Incompatibility Issues, continued

years too late, in my newest “skeleton” (**1509SKL3.SLA**, as detailed above), I've at long last remembered to put the “News” back in my footers.

Now, as promised above, here's the reason why I had to do these modifications now. Because I intend to produce our October, November and December newsletters with Scribus 1.4.0; and while 1.4.x admits to **not** being backwards compatible with 1.3.x, it **doesn't** admit that it isn't completely **forwards** compatible, either. (Frames created in 1.3.x can wind up being treated differently by 1.4.x). When I produced the test PDF for **1509SKL3.SLA** above (using Scribus 1.3.3.13), I got six error messages: One saying “missing image” and five saying “image less than 144 dpi”. Those were **all** actually **NOT** errors. I'd purposely left out the ACGNJ logo from page 1, because I use different versions of it from month to month. Plus, I've put **a whole lot** of work into shrinking the five remaining images on pages 14, 15 and 16 in the last nine months or so. Thus, I **really** resent being told that all of the efforts that I made while doing that were

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result, I'll get a “text overflow” message. (Unfortunately, as you'll see further below, there's no error message that will be displayed if the text winds up taking **less** room).

Let's look at page 16 first. Beneath its two useless “image less than 144 dpi” messages was a single “text overflow” error message. This particular message referred to the third box down in the center column at the top of the page. It was caused by what I call a “loose wrap”. That's when a row of text which previously would fit inside a text frame with no problem, now wraps sooner. So the last word is pushed down to the next line. This can cause a series of premature wraps which can cascade down the frame, thus causing the final line to be pushed past the bottom of the frame. Therefore, it can't be seen any more. Hence, a “text overflow”.

Unfortunately, a “loose wrap” doesn't always cause a “text overflow”. Indeed, I spotted four additional “loose wraps” on page 16 that **didn't** result in cascades all the way down their frames, and thus **didn't** throw their own error messages. I fixed all

errors.

When I made a temporary test PDF using Scribus 1.4.0, I got nine error messages. Those six above, plus three “text overflow” messages. (On pages 2, 14 and 16). It's my opinion that those “image less than 144 dpi” messages are both **stupid** and **dangerous**. Stupid, because they don't serve any useful purpose (since you usually **don't** have another copy of the same image in a different resolution to use as a substitute); and dangerous, because they often make it much harder to notice **really important** messages, such as “text overflow”.

One of the most useful properties of text frames is that if you change the size of a frame, the text inside it will move around so that it still exactly fills the resized frame. However, this can also be a disadvantage, if Scribus decides to move the text around **without** asking your permission first. (Which **can** happen). That's what happened here. This is the reason why I always keep my text frames as **small** as possible. That way, if Scribus **does** decide to move my text around, and it takes up **more** room as a

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five “loose wraps” the same way. I just made their text frames a little bit wider. (Sometimes, this particular fix can cause problems with another text frame located to the right of the first frame. Luckily, these five times it didn't). As you might guess, I checked every other text frame on the page to make sure there weren't any more unflagged errors. I didn't find any.

The next “text overflow” was on page 14, but I checked page 15 first, just in case, and didn't see anything wrong. On page 14, there was a “loose wrap” in the text frame to the right of our 40th Anniversary Newsletter CD advertisement. Again, I made that frame slightly wider, thus fixing the problem. The other problem I found on page 14 was what I call a “text underflow”. It was in the text frame containing the SIG INFO details for the Web Browser SIG. **Figure A** is a screen shot of the last two lines in that frame, taken from my final PDF for the August newsletter. (Which was made with Scribus 1.3.3.13). **Figure B** is a similar screen shot, taken from an interim test PDF of **1509SKL3.SLA**.

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Incompatibility Issues, continued

design concepts and voice their opinion. (We meet on the third Monday of each month, at 7:30 PM). ☐

Figure A

design concepts and voice their opinion. (We meet on the third Monday of each month, at 7:30 PM). ☐

Figure B

(Made with Scribus 1.4.0, as that “skeleton” was in the process of being converted to 1.4.x).

Note that, in Figure A, “on” is the first word in the last line. While in Figure B, “on” is the last word in the next-to-last line. Also note that in Figure B, the words in the next-to-last line are spaced closer together, and the last line is about a quarter of an inch shorter. (Leaving a big gap before the tiny computer picture). Remember (from my second work-around, which I described way above) that the tiny computer is **not** a Wingdings font inside that text frame (like it **should** be). Instead, it's a JPG image inside an image frame that's just sitting on top of that text frame. So it didn't move to the left when the end of that last line did. (Insert your favorite expletive here).

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that box, and I discovered that those first and fourth entries had different Styles than the other 23 entries on the list. Those two had “P2RB811_P2”, while all the rest had “P2RB811_P1”. (Don't ask me what any of those Styles actually mean. All I know is that two of them were now different, while **all** of them had been **exactly** the same under Scribus 1.3.3.13).

So I changed those two oddballs so that everybody was using P2RB811_P1 again; and what do you know? That “text overflow” error just disappeared! It seems that 1.4.0 had actually changed the Styles in **only two** of the entries on that list. Who knows why? There were no other problems on page 2, so I proceeded to finish up by processing page 1. Because (as I said before) I'd purposely left out the ACGNJ logo, I didn't have to bother with that “missing image” error message. (Just to make trouble, though, 1.4.x had changed that message to “empty image frame”).

However, there **was** something else wrong. Somehow, Scribus 1.4.0 was displaying the two text frames containing the Title/Author/Page information

Moving to page 13, I discovered **three** more “text underflows”. (Which **didn't** throw any error messages, either). Furthermore, they all had **much** bigger gaps to the left of their tiny computer pictures, too. They appeared in the text frames containing the SIG INFO details for the Lunics, Hardware and Mobile Devices SIGs. In all four “text underflow” cases, I **didn't** try to adjust the frame sizes to get the old wrap conditions back. Instead, I just moved the tiny computers to the left until they were sitting at the end of the last sentences again.

As mentioned earlier, there was one more “text overflow” message (on page 2). (Pages 3 through 12 are empty in my “skeleton”, so they didn't throw any error messages). This time that error **wasn't** caused by a “loose wrap”. It was in the box titled E-Mail Addresses, and it was caused instead by two relatively big blank spaces that had mysteriously appeared above the first and fourth entries in that box's e-mail list. (Thus pushing the end of that list down past the bottom of its frame).

I used the Edit Text function to start Story Editor in

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for the “In This Issue” box much too high on the page. In order to get page 1 to display correctly again, I had to change their Y positions from 9.14 inches (the default values that I'd **always** used for Scribus 1.3.3.13) to 9.34 inches. As with all the other mysterious changes made by 1.4.0, I have absolutely **NO** idea why this was so.

Having worked my way from back to front, making changes as necessary, I now had a 1.4.x compatible “skeleton”, which I renamed **1509SKL4.SLA**. Then I saved it in my Starters directory; but before that, I made one final test PDF. It measured 1.1 MB (1,143,863 bytes, or 1,117 KB). Remember that **1509SKL3.SLA** produced a test PDF measuring 925.6 KB. So this 1.4.0 test PDF came out 191.4 KB bigger. That **really** surprised me. (I'd expected this comparison to be a whole lot closer). I hope that this is just a minor glitch, and not an ominous portent of bloated 1.4.0 files to come. Before moving up to 1.4.x, though, I plan to publish this article in our September 2015 issue, using Scribus 1.3.3.13 (maybe for the last time). See you next month. ☐

SIG INFO

LUNICS (Linux/Unix)

Andreas Meyer (lunics (at) acgnj.org)
<http://www.acgnj.org/groups/lunics.html>

LUNICS is a group for those who share an interest in Unix and similar operating systems. While we do quite a bit with Linux, we've also been known to discuss Solaris and BSD as well. Recent meetings have followed a Random Access format. See our web page for further information. (We meet on the first Monday of each month, at 8:00 PM). ☺

Main Meeting

Mike Redlich (president (at) acgnj.org)
<http://www.acgnj.org/groups/mainmeet.html>

We meet on the first Friday of the month, at 8:00 PM. Each December, this meeting includes our Annual Business Meeting and Officer Elections. **No** meetings in July or August. ☺

Layman's Forum

Matt Skoda (som359 (at) gmail.com)
<http://www.acgnj.org/groups/laymans.html>

This SIG discusses issues of interest to novice users or those planning to get started in computing. Watch our Web page for updates and announcements. We meet at the same time as the Hardware Workshop. (On the second Monday of the month, at 8:00 PM). **No** meetings in July and August. ☺

Hardware Workshop

Mike Reagan (hardware (at) acgnj.org)

This group is dedicated to repairing, refurbishing and/or recycling older computers. Ten people attended the first meeting, so there is still a market for this type of event. Although we looked at some of the older equipment stored in the back room, most of our time was spent in talking about ast experiences and planning for the future. Hopefully, we can establish a viable long-term schedule of projects, and keep the interest of those who attended this inaugural meeting. If you have a hardware problem, bring it in and we can all help fix or demolish it. (No guarantees either way.) We meet at the same time as the Layman's Forum. (On the second Monday of each month, at 8:00 PM). ☺

Java

Mike Redlich (mike (at) redlich.net)
<http://www.redlich.net/javasig/javasig.html>

This SIG covers beginner, intermediate, and advanced level Java programming. Primary focus is on developing useful/practical applets and applications. (We meet on the second Tuesday of each month, at 7:30 PM). ☺

Mobile Devices

Brenda Bell (mobdevsig (at) acgnj.org)

The Mobile Devices SIG focuses largely on current-generation cellphones and smart phones (such as Blackberry, Android, iPhone) which bridge the gap between basic cell phones and traditional computers, and how they can help you manage and organize your life. Our membership ranges from those who have recently acquired their first, basic cellphone to those who develop applications for today's modern smart phones, iPods, and ultra-portable computers. While we expect to spend much of our time investigating the built-in features and specialized applications available to modern smart phones, if you bring your basic (or multimedia) cell phone, iPod, or other mobile device with questions on how to use it, where to find applications, or what features they have, we are always happy to help! Meet and greet and plan where this event goes. Bring all your ideas, PDAs, fancy phones, etc. (We meet on the second Wednesday of alternate months (we get the even ones), at 7:30PM). ☺

Computer Workshop

Bob Hawes (bob.hawes (at) acgnj.org)

ACGNJ has not held a daytime meeting in quite a while, so we've decided to try again. Our inspiration: The Philadelphia Area Computer Society holds only **one** meeting a month, but it's a biggie. On the third Saturday, from 8:00 AM to 3:00 PM, they hold **seventeen** different meetings, four at a time in four different rooms. Apparently, there **is** an audience for Saturday daytime meetings. We're starting smaller, though. Just one room (our usual) from **1:00 PM** to **4:00 PM**. We're calling it Computer Workshop, after the meetings that Burke Mawby held in Aberdeen,

SIG INFO, *continued*

NJ from 1989 to 2007. Our format (to start, anyway) will be random access. We meet on the Saturday immediately following the second Friday of the month. Most times, this is the second Saturday, but it *can* occasionally be the third Saturday. Please check the schedule on Page 1 to be sure. ☐

Investment Software

Jim Cooper (jim (at) thecoopers.org)

http://www.acgnj.org/groups/sig_investment.html

The Investment SIG continues with presentations on how to use analysis programs TC2000 and TCNet. Large charts are presented on our pull down screen and illustrate the application of computer scans and formulas to find stocks for profitable investments. Technical analysis determines buy points, sell points and projected moves. Technical analysis can also be used on fundamentals such as earnings, sales growth, etc. We're no longer focusing on just Telechart. If you are using (or interested in) Tradestation, eSignal, VectorVest, or just in learning how to select and use charting and technical analysis, come join us!! (We meet on the second Thursday of the month, at 8 PM). ☐

NJ Gamers

Gregg McCarthy (greggmajestic (at) gmail.com)

<http://www.NJGamers.com>

www.lanparty.com

The Friday Night Frag starts at 6:00 PM on the second Friday of each month, and keeps going until 12 Noon on Saturday - 18 hours for 5 bucks!

BYOC - Bring your own computer.

BYOF - Bring your own food.

And if you don't like sitting on metal folding chairs...

BYO chair! ☐

Web Browser (Formerly Firefox)

David McRitchie (firefox (at) acgnj.org).

This SIG is an open forum for all Firefox and Mozilla techniques and technologies, to encourage study and development of web sites of all kinds. All browsers will be considered and examined. All members and guests are invited to check out the design concepts and voice their opinion. (We meet on the third Monday of each month, at 7:30 PM). ☐

C/C++ Programming

Bruce Arnold (barnold (at) ieee.org)

<http://acgnj.barnold.us/index.html>

This is a forum for discussion of programming in general, beginning and intermediate level C, C++, C-Win programming, hardware, algorithms, and operating systems. We demonstrate real programming in a non-intimidating way, presenting complete code for working programs in 3-5 sheets of paper. (We meet on the third Tuesday of each month, at 7:30 PM). **No** meetings in July or August. ☐

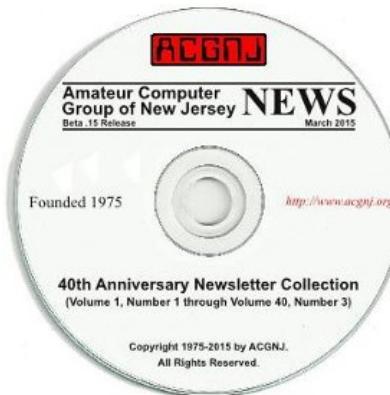
Window Pains

John Raff (jraff (at) comcast.net)

<http://www.acgnj.org/groups/winpains.html>

Intended to provide members with Windows oriented discussions, Microsoft and Linux style. Directed to more technological level of attendee, but newbies are welcomed. (We meet on the third Friday of the month at 8:00 PM). **No** meetings in July or August. ☐

40th Anniversary Newsletter CD Now On Sale



Beta .15 Release.

\$8.00, including postage.

(\$7.00 if you pick up a copy at a meeting).

Get yours today!

Back Issues Still Needed

Our collection remains incomplete. Below is a list of missing newsletters. Anyone who lends us one of these (or supplies a good clear copy) will receive the next CD as our thanks.

1975: #2 and #3 (dates uncertain).

1976: January.

1984: August.

1985: June, July, August, September. ☐

Guru Corner

If you need help with any of the technologies listed below, you can call on the person listed. Please be considerate and call before 10 PM.

Software

HTML	Mike Redlich	908-246-0410
	Jo-Anne Head	908-769-7385
ColdFusion	Jo-Anne Head	908-769-7385
CSS	Frank Warren	908-756-1681
	Jo-Anne Head	908-769-7385
Java	Mike Redlich	908-246-0410
C++	Bruce Arnold	908-735-7898
	Mike Redlich	908-246-0410
ASP	Mike Redlich	908-246-0410
Perl	John Raff	973-560-9070
	Frank Warren	908-756-1681
XML	Mike Redlich	908-246-0410
Genealogy	Frank Warren	908-756-1681
Home Automation	Frank Warren	908-756-1681

Operating Systems

Windows 3.1	Ted Martin	732-636-1942
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ACGNJ T-Shirts For Sale



(Front)



(Back)

L, XL: \$15.00

M: 2 for \$15.00

bob.hawes (at) acgnj.org

ACGNJ MEMBERSHIP APPLICATION

Sign up online at <http://www.acgnj.org/membershipApplication.html> and pay dues with PayPal.

Dues

REGULAR

1 Year	\$25
2 Years	\$40
3 Years	\$55

STUDENT

\$20

SENIOR CITIZEN (Over 65)

\$20

\$45

Mail this application and your check to:

AMATEUR COMPUTER GROUP OF NEW JERSEY, INC., P.O. BOX 135, SCOTCH PLAINS, NJ 07076

New Member Renewal Address Change

First Name _____ Last Name _____ Phone _____

Mailing Address _____ E-Mail _____

City _____ State _____ Zip _____ URL _____

What topics would you like to see covered at club meetings? _____

Other Local Computer Groups		
Princeton Macintosh User Group: 7:15 pm 2nd Tuesday, Jadwin Hall, A-10, Washington Rd, Princeton, (609) 252-1163, www.pmuug-nj.org	Linux Users Group in Princeton: 7 pm, 2nd Wednesday, Lawrence Branch Mercer Library, Rt#1 & Darrah Lane, Lawrence NJ http://www.lugip.org	New York PC: 3rd Thurs, 7 pm, PS 41, 116 W 11th St. For info call hotline, (212) 533-NYPC, http://www.nypc.org
Computer Education Society of Philadelphia: Meetings & Workshops at Jem Electronics, 6622 Castor Ave, Philadelphia PA. www.cesop.org	Brookdale Computer Users Group: 7 pm, 3rd Friday, Brookdale Community College, Bldg MAS Rm 100, Lincroft NJ. (732)-739-9633. www.bcuug.com	NJ Macintosh User Group: 8 pm, 3rd Tuesday, Allwood Branch Library, Lyall Rd, Clifton NJ. (201) 893-5274 http://www.njmug.org
PC User Group of So. Jersey: 2nd Mon., 7 pm, Trinity Presb. Church, 499 Rt 70 E, Cherry Hill, NJ. L. Horn, (856) 983-5360 http://www.morrismicro.com	Hunterdon Computer Club: 8:30 am, 3rd Sat, Hunterdon Medical Center, Rt 31, Flemington NJ, www.hunterdoncomputerclub.org , (908) 995-4042.	NY Amateur Computer Group: 2nd Thurs, 7 pm, Rm 806 Silver Bldg, NYU, 32 Waverly Pl, NYC. http://www.nyacc.org
Morris Micro Computer Club: 7 pm 2nd Thurs, Morris County Library, Hanover Ave, Morristown NJ, (973) 267-0871. http://www.morrismicro.com	Central Jersey Computer Club: 8 pm, 4th Friday, Rm 74, Armstrong Hall, College of NJ. Rich Williams, (609) 466-0909.	NJ PC User Group: 2nd Thurs, Monroe Rm at Wyckoff Public Library, 7 pm. Maureen Shannon, (201) 853-7432, www.njpcug.org
Philadelphia Area Computer Society: 3rd Sat, 12 noon Main Meeting, groups 8 am-3 pm. Upper Moreland Middle School, Hatboro PA. (215) 764-6338. www.pacsnet.org	NJ Computer Club: 6:15 pm, 2nd Wednesday except Jul & Aug, North Branch Reformed Church, 203 Rt 28, Bridgewater NJ. http://www.njcc.org	Princeton PC Users Group: 2nd Monday, Lawrenceville Library, Alt Rt 1 & Darrah Lane, Lawrenceville, Paul Kurivchack (908) 218-0778, http://www.ppcug-nj.org

Classified

FREE TO MEMBERS. Use our classified ads to sell off your surplus computer stuff. Send copy to Classified, ACGNJ NEWS, P.O. Box 135, Scotch Plains NJ 07076 or e-mail to the editor: [editor\(at\)acgnj.org](mailto:editor(at)acgnj.org). Classified ads are free to members, one per issue. Non-members pay \$10. Send check payable to ACGNJ Inc. with copy. Reasonable length, please.



Radio and TV Programs

Computer Radio Show, WBAI 99.5 FM, NY, Wed. 8-9 p.m.

Software Review, The Learning Channel, Saturday 10-10:30 p.m.

On Computers, WCTC 1450 AM, New Brunswick, Sunday 1-4 p.m. To ask questions call (800) 677-0874.

PC Talk, Sunday from 8 p.m. to 10 p.m., 1210 AM Philadelphia. 1800-876-WPEN



Directions to Meetings at Scotch Plains Rescue Squad, 1916 Bartle Ave., Scotch Plains NJ

From New York City or Northern New Jersey

Take Route 1&9 or the Garden State Parkway to US 22 Westbound.

From Southern New Jersey

Take Parkway north to Exit 135 (Clark). Stay on left of ramp, follow circle under Parkway. Bear right to Central Avenue; follow to Westfield and under RR overpass. Left at light to North Avenue; follow to light in Fanwood. Right on Martine (which becomes Park Ave). Right on Bartle Ave in middle of shopping district. Scotch Plains Rescue Squad (2-story brick) is located on the right. Do not park in the row next to the building. You'll be towed.

From I-78 (either direction)

Take exit 41 (Scotch Plains); follow signs to US 22. Turn right at light at bottom of hill and use overpass to cross Rt. 22. Follow US 22 Westbound directions.

From US 22 Westbound

Exit at Park Avenue, Scotch Plains after McDonalds on the right, diagonally opposite Scotchwood Diner on the left, immediately before the overpass. After exiting, turn left at the light and use overpass to cross US 22. Bear right at bottom of ramp to continue to south on Park Avenue. Turn left at the second light (a staggered intersection). Scotch Plains Rescue Squad (2-story brick) is on the right. Do not park in the row next to the building - you'll be towed. We meet on the second floor, entering by the door at the right front of the building.

From Western New Jersey

Take US 22 Eastbound to the Park Avenue exit. The exit is about a mile past Terrill Road and immediately past the overpass. Exit onto Park Avenue South and follow the directions above to the Rescue Squad building.